AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A motor drive apparatus comprising:

a motor current detecting section which detects operable to detect a motor current when a movable member driven by a motor is moved in a first direction;

a lock current judging section which monitors operable to monitor the motor current detected by the motor current detecting section to make a judgment on a lock current that <u>flows</u> is to flow-when motion of the movable member is set to a locked state;

a switch operation invalidation setting section operable to invalidate a switch operation when the motor current is the lock current, the switch operation corresponding to moving the movable member in the first direction which, when a judgment that the motor current when the movable member is moved is the lock current is made, invalidates a switch operation in a movement direction of the movable member at a timing of the judgment; and

a switch operation invalidation setting canceling section which operable to cancel the invalidation by the switch operation invalidation setting section, said canceling being done when a second switch operation of moving the movable member in an opposite second direction is conducted under a state where said invalidation is done of a switch operation is set by the switch operation invalidation setting section, cancels the setting of switch operation invalidation by the switch operation invalidation setting section.

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2. (currently amended): A motor drive apparatus comprising:

a motor current detecting section <u>operable to detect</u> which detects a motor current when a movable member driven by a motor is moved <u>in a first direction</u>;

a lock current judging section which monitors operable to monitor the motor current detected by the motor current detecting section to make a judgment on a lock current that is to flow flows when motion of the movable member is set to a locked state;

for a predetermined period when the motor current is the lock current, the switch operation

corresponding to moving the movable member in the first direction which, when a judgment that
the motor current when the movable member is moved is the lock current is made, invalidates a
switch operation of a movement direction of the movable member at a timing of the judgment,
only for a predetermined period; and

a switch operation invalidation setting canceling section operable to cancel the invalidation by the switch operation invalidation setting section, said canceling being done which, when a switch operation of moving the movable member in an opposite a second direction is conducted under a state where said invalidation is done of a switch operation is set by the switch operation invalidation setting section, cancels the setting of switch operation invalidation by the switch operation invalidation setting section.

3. (currently amended): A method of controlling an operation on a movable member driven by a motor, the method comprising the steps of:

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invalidating a switch operation of moving the movable member in a first direction, said invalidation being done when a motor current in a case where the movable member is moved reaches a lock current corresponding that is to flow when motion of the movable member is set to a locked state, a switch operation in a direction of moving the movable member at this timing; and

canceling the switch operation invalidation setting state by conducting a <u>second</u> switch operation of moving the movable member in <u>an_a second opposite</u> direction <u>during said</u> invalidationunder a state where the switch operation is invalidated.

4. (currently amended): A method of controlling an operation on a movable member driven by a motor, the method comprising the steps of:

invalidating, when a motor current in a case where the movable member is moved reaches a lock current that is to flow when motion of the movable member is set to a locked state, a switch operation in a <u>first</u> direction of moving the movable member at this timing only for a predetermined period;

canceling the switch operation invalidation setting state by conducting a <u>second</u> switch operation of moving the movable member in <u>an a second</u> opposite direction during the predetermined period-of invalidating a switch operation; and

invalidating again, when the motor current corresponds to the lock current even at a timing when the predetermined period elapses, a <u>second</u> switch operation in the <u>same second</u> direction only for the predetermined period.

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